

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 53939 Service: DTV Call WLKY Channel: 14 (UHF)

Sign:

File **0000026732**

Number:

ID:

FRN: **0002538445** Date **07/15**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
HEARST PROPERTIES INC.	C/O BROOKS, PIERCE, ET. AL P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839-0300	mprak@brookspierce. com	Corporation

Reimbursement Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
oao	[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact			

Broadcaster Information and Transition Plan

Question	Response
	•

(e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information	
stations' licensing information. Briefly describe transition plan	see attached document

Question	Response
Sharee Station Facility ID	13989
Call Sign	WAVE
Туре	Commercial
Licensee Name	WAVE LICENSE SUBSIDIARY, LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	LOUISVILLE, KY
Pre-auction RF Channel	47
Post-auction RF Channel	36
Neilsen DMA	Louisville
Network Affiliation	

Transmitters

;	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter	Type of change	Purchase New
Description	Use	Auxiliary (Backup)
	Description of Use	backup to main transmitter
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Sigma CD3100P1
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to ch 14. See GatesAir EOL and HTV IOT to Solid-State Justification. IOT replacement is more costly than proposed SS transmitter. See Comark Transmitter quote. Also see Transmitter Justification.

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No

	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical installation of aux transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Change Order Q-79567	Added RF components needed to complete installation
Additional RF components	Additional RF components required for transmitter operation and integration into current RF environment
Change Order Q-77786	Added two transmission line elbows

Sales Tax	transmitter sales tax
Transmitter installation incidentals	Additional equipment, parts and supplies needed for transmitter installation
Change Order Q-62164	Added transmission line impedance transformer
Electrical Accessories	manufacturer required surge protection
Transmitter de-install	removal and disposal of old transmitter
Installation and Proof	transmitter installation and proof
Change Order Q-78969	Added needed installation hardware
Shipping	transmitter shipping

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma CD3100P1
	Year	2006
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to ch 14. See GatesAir EOL and HTV IOT to Solid-State Justification. IOT replacement is more costly than proposed SS transmitter. See Comark Transmitter quote. Also see Transmitter Justification.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes

	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	transmitter electrical installation
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	90

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Additional RF components	Additional RF components required for transmitter operation and integration into current RF environment
Shipping	transmitter shipping
Transmitter de-install	needed to make space for replacement transmitter

Transmitter installation incidentals	items needed to complete transmitter installation
Sales Tax	transmitter sales tax
Change Order Q-76080	additional transmitter equipment and services
Electrical Accessories	manufacturer required surge protection

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	Raycom Media
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	51
	Design power capacity in use	50.0 %
	Lower Limit	545.00 MHz
	Upper Limit	695.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	

Model	ABBP14H4- HTOC5-26/51
Year	2003

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
13989	WAVE

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Leased
	Owner	Raycom Media
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	14
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	452.0 kW
	Manufacturer	
	Model	TUD-C5-14/70- 2-T

Year	2019
Justification for New Antenna	Existing antenna does not support channel 14

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number	
36	

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Leased
	Owner	Raycom Media
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	680.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	452.0 kW
	Manufacturer	
	Model	TFU-WB24
	Year	2018
		1

Justification for New Antenna required while main antenna is replaced

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

n	Section	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission	Type of change	Utilize Existing
Line Description	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Andrew
Line Manufacturer and Type	Туре	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	1000 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID Call Sign

13989 WAVE

Other Transmission Line Expenses Not Listed

Primary

TransmissionInformation not provided.

Line

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line	Use	Interim
Costs	Description of Use	N/A
	Change Type	Lease New
	Туре	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	950 feet per run
	Justification for New Transmission Line	Interim during main antenna replacement

Other Transmission Line Expenses Not Listed

Interim

TransmissionInformation not provided.

Line

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings

Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Al	B
Name	Description

Land Mobile Notification	notify land mobile users of the coming channel
	14 signal

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual C
Primary Transmitter ULXTE-30	\$993,716.77	\$804,606.41		\$571,32
Channel 14 Additional field engineering time, 90 days	<i>\$157,750.00</i>	\$157,750.00	See WLKY_MSW_ESTIMATE_190316- 001_LAND_MOBILE_MITIGATION. pdf in attachments	\$6,360
Electrical Accessories	\$1,942.49	\$1,942.49	manufacturer required surge protection	\$1,942
Change Order Q- 76080	\$27,872.76	\$27,872.76	per change order	\$21,389
Sales Tax	\$44,902.00	\$44,902.00	transmitter sales tax per attached GatesAir quote	\$32,92
Transmitter installation incidentals	\$5,000.00	\$5,000.00	items needed to complete transmitter installation	\$3,996
Transmitter de-install	\$20,679.03	\$20,679.03	current transmitter removal required to make space for replacement	N/A
Shipping	\$7,700.00	\$7,700.00	transmitter shipping per attached GatesAir quote	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$510,476.71	GatesAir quote sections A & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$481,31
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$5,222.93	N/A	\$5,222

Other Electrical Service: transmitter electrical installation	\$8,351.16	\$8,351.16	N/A	\$8,351
RF Consulting Engineer	\$5,260.00	\$10,000.00	Channel 14 interference investigation and remediation. Many land-mobile users and great difficulty in remediating to eliminate interference.	\$9,817
Additional RF components	\$4,709.33	\$4,709.33	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.	N/A
Auxiliary Transmitter ULXTE-30	\$1,187,148.27	\$941,872.32		\$912,41
Shipping	\$13,222.51	\$13,222.51	transmitter shipping per attached GatesAir quote	\$13,222
Change Order Q- 78969	\$681.72	\$681.72	Additional installation hardware	\$681.
Installation and Proof	\$41,960.00	\$41,960.00	see quote	\$41,96
Transmitter de-install	\$25,000.00	\$25,000.00	removal and disposal of old transmitter to make space for repack transmitter	\$1,000
Electrical Accessories	\$1,510.82	\$1,510.82	manufacturer required surge protection	\$1,510
Change Order Q- 62164	\$5,231.64	\$5,231.64	transmission line impedance transformer	\$5,231
Transmitter installation incidentals	\$6,500.00	\$6,500.00	Additional equipment, parts and supplies needed for transmitter installation	\$6,252
Sales Tax	\$45,868.81	\$45,868.81	transmitter sales tax	\$45,868
Change Order Q- 77786	\$3,272.72	\$3,272.72	two transmission line elbows	\$3,272

Additional RF components	\$99,869.34	\$99,869.34	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.	\$99,869
Change Order Q- 79567	\$7,620.71	\$7,620.71	additional RF components; see invoice/change order	\$7,620
Channel 14 Mask Filter	\$189,500.00	\$154,371.62	N/A	\$154,37
Other Electrical Service: Electrical installation of aux transmitter	<i>\$32,100.00</i>	\$32,100.00	aux transmitter electrical installation	\$32,01
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$496,744.22	N/A	\$496,74
RF Consulting Engineer	\$5,260.00	\$5,120.00	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$2,798.21	N/A	\$2,798
Sub-total	\$2,180,865.04	\$1,746,478.73	N/A	\$1,483,7
Total for all systems	\$3,365,625.04	\$1,933,918.73	N/A	\$1,552,8

Components

Channel 14 Additional field engineering time, 90 days	Component Description:	WLKY land-mobile
		interference
		mitigation 1
	Amount:	\$6,360.00
Electrical Accessories		
	Component Description:	WLKY main
		transmitter surge
		suppressor
	Amount:	\$1,942.49
Change Order Q-76080		
	Component Description:	WLKY GA change
		order Q-76080
		hardware only
	Amount:	\$21,389.96
Sales Tax		
	Component Description:	WKLY main
		transmitter sales tax
	Amount:	\$32,923.13
Transmitter installation		
incidentals	Component Description:	WLKY rental
		equipment fuel
	Amount:	\$123.59
	Component Description:	WLKY main
		transmitter
		installation lift rentals
	Amount:	\$3,873.27
Transmitter de-install	Information not provided.	

JHF - Liquid Cooled Solid State Fransmitter 14.2 - 20 kW		
Tansmiller 14.2 - 20 KVV	Component Description:	WLKY main
		transmitter 1/3 prior
		to shipment
	Amount:	\$188,731.31
	Component Description:	WLKY main
		transmitter delivery
	Amount:	\$63,807.47
	Component Description:	Main transmitter 2nd
		deposit
	Amount:	\$150,684.93
	Component Description:	Main transmitter 1st
		deposit
	Amount:	\$78,095.00
Fransformer 3 phase/480v -		
30 KVA	Component Description:	WLKY main
		transmitter
		transformer
	Amount:	\$5,222.93
Other Electrical Service:		
ranomittoi olootiloai ilistallatioli	Component Description:	WLKY main
		transmitter electrical
		installation
	Amount:	\$8,351.16

RF Consulting Engineer		
	Component Description:	WLKY RF Consulting channel 14 land-mobile remediation investigation and planning - invoice
	Amount:	\$4,807.50
	Component Description:	WLKY Preliminary Land-Mobile Analysis
	Amount:	\$3,105.00
	Component Description:	WLKY RF Consulting channel 14 land-mobile remediation investigation and planning
	Amount:	\$1,905.00
Additional RF components	Information not provided.	
Shipping	Component Description:	WKLY aux
	Amount:	transmitter shipping \$13,222.51
Change Order Q-78969		
	Component Description:	WLKY aux transmitter additional installation parts
	Amount:	\$681.72
Installation and Proof		
	Component Description:	WLKY aux transmitter installation and proof
	Amount:	\$41,960.00

Transmitter de-install		
	Component Description:	WLKY old aux
	l se les les les les les les les les les	transmitter glycol
		disposal
	Amount:	\$1,000.54
Electrical Accessories		
	Component Description:	WKLY aux
	Component Seconpulari	transmitter surge
		suppressor
	Amount:	\$1,510.82
Change Order Q-62164		
	Component Description:	WLKY aux
		transmitter T/L
		impedance
		transformer
	Amount:	\$5,231.64
Transmitter installation		
incidentals	Component Description:	WLKY 4 week
		equipment rental
	Amount:	\$3,858.45
	Component Description:	WLKY transmitter
	Compension Decempatern	installation supplies -
		acetylene
	Amount:	\$53.93
	Component Description	WLKY aux
	Component Description:	transmitter
		installation supplies
	Amount:	\$412.50
	Onmark of Dec. 141	VA/I 1/27/ 4 1
	Component Description:	WLKY 1 week
	Amount:	equipment rental \$1,928.01
	Allivalit.	ψ1,020.01

	Component Description:	WKLY aux transmitter sales tax
	Amount:	\$45,868.81
Change Order Q-77786		
	Component Description:	WLKY aux
		transmitter two T/L
		elbows
	Amount:	\$3,272.72
Additional RF components		
	Component Description:	WLKY aux
		transmitter RF
		Accessories
	Amount:	\$99,869.34
Change Order Q-79567		
	Component Description:	WLKY aux
		transmitter change
		order Q-79567
	Amount:	\$7,620.71
Channel 14 Mask Filter		
	Component Description:	WLKY channel 14
		mask filter
	Amount:	\$154,371.62
Other Electrical Service:		
Electrical installation of aux	Component Description:	WLKY aux
transmitter		transmitter electrical
		installation
	Amount:	\$32,013.84

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW		
Transmitter 14.2 - 20 kW	Component Description:	WLKY aux
		transmitter 1/3 prior
		to ship
	Amount:	\$265,751.40
	Component Description:	Aux transmitter 2nd
		deposit
	Amount:	\$150,684.93
	Component Description:	WKLY aux
		transmitter
	Amount:	\$10,711.09
	Common on the control of the control	A tu
	Component Description:	Aux transmitter 1st
	Amount:	deposit \$69,596.80
	Amount:	08.596,590
RF Consulting Engineer	Information not provided.	
Transformer 3 phase/480v - 150 KVA		
150 KVA	Component Description:	WLKY aux
		transmitter 480v
		transformer
	Amount:	\$2,798.21

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justification
Interim Antenna TFU-WB24	\$6,730.00	\$0.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$0.00	WAVE/Raycom Media submitting for reimbursement	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 452 kW input, directional,, horizontally polarized	\$0.00	\$0.00	WAVE (Raycom Media) Quote and "TFU- 24WB interim antenna justification" attached. Raycom submitting for full reimbursement.	N/A	N/A
Primary Antenna TUD-C5-14 /70-2-T	\$763,930.00	\$0.00		\$0.00	
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$0.00	WAVE/Raycom Media submitting for full reimbursement	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$0.00	WAVE/Raycom Media submitting for full reimbursement	N/A	N/A

Sweep test of existing antenna	\$6,730.00	\$0.00	WAVE/Raycom Media submitting for full reimbursement	N/A	N/A
UHF - High Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	\$547,000.00	\$0.00	WAVE/Raycom Media submitting for full reimbursement	N/A	N/A
Sub-total	\$770,660.00	\$0.00	N/A	\$0.00	N/A
Total for all systems	\$3,365,625.04	\$1,933,918.73	N/A	\$1,552,883.89	N/A

Components

Information not provided.

Cost Information

Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Interim Transmission Line	\$220,400.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$220,400.00	\$0.00	WAVE /Raycom Media submitting for full reimbursement	N/A	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$220,400.00	\$0.00	N/A	\$0.00	N/A
Total for all systems	\$3,365,625.04	\$1,933,918.73	N/A	\$1,552,883.89	N/A

Components

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

Information not provided.

Cost Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual (
Outside Professional Services	\$159,720.00	\$155,025.00		\$48,688.81	
Non-Catalog legal expenses	\$20,000.00	\$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues	\$12,280.72	N/A
Transmitter Site Survey	\$20,600.00	\$20,600.00	Transmitter planning survey & transmitter building drawings quote attached	\$20,600.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$132.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$3,818.63	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,800.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$8,675.00	see invoices	\$8,675.00	Increas cost du channe assignn
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,382.46	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$159,720.00	\$155,025.00	N/A	\$48,688.81	N/A
Total for all systems	\$3,365,625.04	\$1,933,918.73	N/A	\$1,552,883.89	N/A

Components

Actual Information Description	File Name	
Non-Catalog legal expenses	Component Description: Amount:	WLKY non-catalog legal 1 \$8,590.70
	Component Description: Amount:	WLKY non-catalog legal 2 \$3,690.02

Transmitter Site Survey		WILLOVE: 110
	Component Description:	WLKY Field Service, GatesAir, 6/1/2017,
	Amount:	\$20,600 \$20,600.00
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: Amount:	WLKY Prepare and File request for STA 1 \$132.00
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	WLKY Prepare and File FCC Form 2100, Construction Permit Application 2
	Amount:	\$1,054.53
	Component Description:	WLKY Prepare and File FCC Form 2100, Construction Permit Application
	Amount:	\$2,764.10
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	WLKY RF consulting prepare engineering for CP invoice
	Amount:	\$1,800.00
Perform engineering study for new channel assignment and	Component Description:	WLKY interim
antenna development	Component Description.	antenna ch26
	Amount:	\$625.00
	Component Description:	WLKY RF Consulting engineering study for new channel assignment invoice 3
	Amount:	\$3,800.00
	Component Description:	WLKY RF Consulting engineering study for new channel
	Amount:	assignment invoice 2 \$687.50
	Component Description:	WLKY interim
		antenna ch14
	Amount:	\$100.00
	Component Description:	WLKY RF consulting- channel 14 issues
	Amount:	\$1,837.50
	Component Description:	WLKY RF Consulting engineering study for new channel
	Amount:	assignment invoice 1 \$1,625.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Component Description	WKLY Prepare and/or
Component Becomption.	review reimbursement
	Form 399
Amount:	\$1,082.40
Component Description:	WLKY Prepare and/or
	review reimbursement
	Form 399 2
Amount:	\$300.06
Information not provided.	
	Component Description: Amount:

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$33,980.00	\$32,415.00		\$20,452.75	
Land Mobile Notification	\$9,400.00	\$9,400.00	needed to fulfill FCC requirement to notify land mobile users of the potential interference from channel 14. Quote attached.	\$9,400.00	N/A
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	need BP quote	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	need BP quote	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$10,000.00	N/A	\$3,750.00	N/A
Equipment Storage	<i>\$7,500.00</i>	\$7,500.00	Additional storage at transmitter site	\$7,302.75	N/A
Sub-total	\$33,980.00	\$32,415.00	N/A	\$20,452.75	N/A
Total for all systems	\$3,365,625.04	\$1,933,918.73	N/A	\$1,552,883.89	N/A

Components

Actual Information Description	File Name	
Land Mobile Notification		
	Component Description:	WLKY land-mobile notification invoice 2
	Amount:	\$4,700.00
	Component Description:	WLKY land-mobile notification 50% deposit
	Amount:	\$4,700.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification		
	Component Description:	WLKY medical notification invoice
	Amount:	\$3,750.00

Equipment Storage		
	Component Description:	WLKY storage
		container
	Amount:	\$7,302.75

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,365,625.04	\$1,933,918.73	\$1,552,883.89

Reimburseme	Question	Response
Status	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized Person signing below certifies that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the abovenamed entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

John Drain
Hearst
Television
SVP Chief
Financial
Officer

07/15/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the abovenamed entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Douglas
Durkee
Hearst
Television
Manager of
Spectrum
Repack

07/15/2019

Attachments